



October 5, 2023

City of Mercer Island
Attn: Don Cole; Michele Lorilla
9611 SE 36th Street
Mercer Island, WA 98040-3732

Re: Statement from the Geotechnical Engineer: Request for Wet Season Work Waiver
Project Address: 6838 96th Avenue SE, Mercer Island, WA 98040
Building Permit Number: 2205-199
Aspect Project Number: 200631

Mr. Cole:

This letter explains our request for the wet season work waiver for the Mercer Island Cascade project (also known as Bittenweiser Residence) at 6838 96th Avenue SE, Mercer Island, WA 98040 (Site). We have reviewed the following documents developed by Krekow Jennings (Contractor) for this request: development application form, temporary erosion control plans adjusted for wet season work, activities schedule during the wet season, and procedures outlined in the event of an emergency.

What is Requested

We are requesting a wet season work waiver for the project located at 6838 96th Avenue SE, Mercer Island, WA 98040. The waiver would be in place through April 1, 2024.

Work to be Done During Wet Season

The scheduled earthwork-related Site activities during this requested wet season include the following:

- Foundation footing installation on pin piles
- Structural fill placement and compaction interior to footings
- Utility installation (storm drains, footing drains)
- Structure slabs, framing, and exterior installation

Measures to Avoid Environmental Harm and Safety Problems

Based on our review of the Contractor-provided documents, we feel confident that the Contractor will follow the standard of care to avoid environmental harm and safety problems. These measures include the temporary erosion and sedimentation measures shown in the wet season work waiver request package. In addition, Aspect Consulting will have a representative on Site during major Site grading activities,¹ and at the request of the Contractor in the case of any wet weather erosion or stability concerns, in order to observe the temporary erosion and sediment control measures and to document our observations on field reports that will be transmitted to the City.

¹ There are no major site grading activities planned during the 2023-2024 wet season, but we will remain in contact with the Contractor and provide inspection services if significant grading work becomes necessary.



Justification for the Extension

Our justification for requesting a wet season work waiver is the Site and planned structures have been or will be stabilized with pin piles and temporary and permanent soldier pile retaining walls. The proposed grading activities through the 2023-2024 wet season are relatively minor. In our opinion, the temporary erosion control measures proposed during the wet season are appropriate for the proposed work. In our opinion, the planned site work during the 2023-2024 wet season is not expected to create extraordinary stability and erosion/sedimentation issues, given the temporary erosion and sedimentation control measures the Contractor will be implementing.

Limitations

Work for this project was performed for Janet Bittenweiser (Client), and this report was prepared consistent with recognized standards of professionals in the same locality and involving similar conditions, at the time the work was performed. No other warranty, expressed or implied, is made by Aspect.

Recommendations presented herein are based on our interpretation of site conditions, geotechnical engineering calculations, and judgment in accordance with our mutually agreed-upon scope of work. Our recommendations are unique and specific to the project, site, and Client. Application of this letter for any purpose other than the project should be done only after consultation with Aspect.

Variations may exist between the soil and groundwater conditions reported and those actually underlying the site. The nature and extent of such soil variations may change over time and may not be evident before construction begins. If any soil conditions are encountered at the site that are different from those described in this report, Aspect should be notified immediately to review the applicability of our recommendations.

Risks are inherent with any site involving slopes and no recommendations, geologic analysis, or engineering design can assure slope stability. Our observations, findings, and opinions are a means to identify and reduce the inherent risks to the Client.

The scope of work does not include services related to construction safety precautions. Site safety is typically the responsibility of the contractor, and our recommendations are not intended to direct the contractor's site safety methods, techniques, sequences, or procedures. The scope of our work also does not include the assessment of environmental characteristics, particularly those involving potentially hazardous substances in soil or groundwater.

All reports prepared by Aspect for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect. Aspect's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Please refer to Attachment 1 titled "Report Limitations and Guidelines for Use" for additional information governing the use of this report.

City of Mercer Island
October 5, 2023

Project No. 200631

Sincerely,

Aspect consulting, LLC



10/5/23

A handwritten signature in black ink, appearing to read "H. H. Haselton".

Mari Otto, PE
Project Geotechnical Engineer
motto@aspectconsulting.com

Henry H. Haselton, PE, PMP
Principal Geotechnical Engineer
hhaselton@aspectconsulting.com

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ATTACHMENT 1

Report Limitations and Guidelines for Use

REPORT LIMITATIONS AND GUIDELINES FOR USE

This Report and Project-Specific Factors

Aspect Consulting, LLC (Aspect) considered a number of unique, project-specific factors when establishing the Scope of Work for this project and report. You should not rely on this report if it was:

- Not prepared for you
- Not prepared for the specific purpose identified in the Agreement
- Not prepared for the specific real property assessed
- Completed before important changes occurred concerning the subject property, project or governmental regulatory actions

Geoscience Interpretations

The geoscience practices (geotechnical engineering, geology, and environmental science) require interpretation of spatial information that can make them less exact than other engineering and natural science disciplines. It is important to recognize this limitation in evaluating the content of the report. If you are unclear how these "Report Limitations and Use Guidelines" apply to your project or site, you should contact Aspect.

Reliance Conditions for Third Parties

This report was prepared for the exclusive use of the Client. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against liability claims by third parties with whom there would otherwise be no contractual limitations. Within the limitations of scope, schedule, and budget, our services have been executed in accordance with our Agreement with the Client and recognized geoscience practices in the same locality and involving similar conditions at the time this report was prepared.

Property Conditions Change Over Time

This report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by events such as a change in property use or occupancy, or by natural events, such as floods, earthquakes, slope instability, or groundwater fluctuations. If any of the described events may have occurred following the issuance of the report, you should contact Aspect so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Discipline-Specific Reports Are Not Interchangeable

The equipment, techniques, and personnel used to perform a geotechnical or geologic study differ significantly from those used to perform an environmental study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually address any environmental findings, conclusions, or recommendations (e.g., about the likelihood of encountering underground storage tanks or regulated contaminants). Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding the subject property.

We appreciate the opportunity to perform these services. If you have any questions please contact the Aspect Project Manager for this project.